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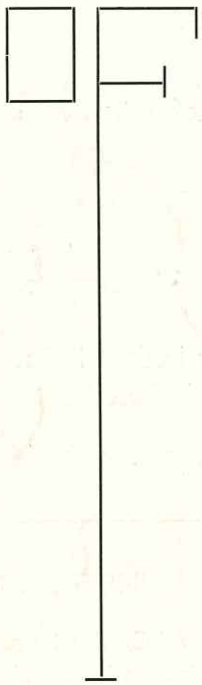
The Story



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CURVLITE

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The story of CURVLITE

IN 1935, in one of America's great chemical laboratories, there was developed a new plastic material.—A plastic heretofore unknown to chemistry. The research workers saw in this plastic, a crystal clear material with strange qualities. They named it Lucite, because of its clearness.

One of the first pieces examined was by an eminent light engineer, who found that this plastic possessed the property of transmitting light most efficiently, and also carrying light around corners. The light seemed to travel the entire length of the material, no matter how many turns, twists or bends it possessed.

Here was light "piped" for the first time as though it were a liquid. Quartz, we know, exhibits the same quality, but quartz could not be bent or molded, as could Lucite. With this principle thoroughly investigated, a new system of light transmission was rapidly developed, and medical and dental science saw immediately its possibilities as applied to their professions.

Eminent practitioners took this new plastic in hand and designed instruments for diagnostic and operative procedures. These instruments were subjected to extreme and rigid clinical tests, and the results are now embodied in the Curvlite system of light instruments. It is now possible with the Curvlite system to design instruments having definite medical and dental uses and these instruments will bring much desired light to the field.

To summarize the benefits of the Curvlite system of instruments:

1. **The instruments never become warm.**
2. **They are practically unbreakable.**
3. **Simplicity of sterilization.**
4. **Ease of manipulation and interchange of instruments.**
5. **Negligible cost of operation.**
6. **Original purchase price within ordinary budget limits.**
7. **Unconditional guarantee of all parts with the exception of bulbs and batteries.**

Note: On the following page, illustrations of standard types now available.

INSTRUCTIONS FOR STERILIZATION

Approved A.M.A.—A.D.A. Cold Sterilization Methods Applicable to Curvlite Instruments

The following solutions have been found to be effective germicidal agents, based upon the results as found in our laboratories and checked in others. Complete sterilization data as to means and methods of testing, may be had upon request.

1. Potassio mercuric iodide (Parke-Davis germicidal discs) 1 tablet, 4 oz. water, freshly prepared.
2. Bi-chloride of mercury 1-400 solution.
3. Hexylresorcinol (S. T. 37) 1-1000 solution.
4. Solution Merthiolate
***5. Alcohol 70% with methylene blue.**

Any of the above solutions will serve for complete sterilization. It is advisable in order to remove any excess of the solutions to dip for a moment in the sterilizer, or wipe dry with sterile cotton or gauze. It is further recognized that the high surface tension of the plastic that makes up the instrument definitely creates a barrier for bacterial growth.

***NOTE: Excellent results have been had by dropping one drop of methylene blue in 4 oz. of 70% alcohol.**

INSTRUCTIONS FOR LIGHTING

All Curvlite instruments operate from three electrical sources and are interchangeable.

C-5. Simple penlite flashlight, the operation of which needs no explanation.

C-1. The resistance cord electric unit works on AC and DC 110-120 Volts current. The current is decreased to 6 V. when it passes through the resistance cord. This will become warm. The wire leading to the instrument will always remain cool. The bulb used for this unit is a 6-8 radio pilot bulb, known as GE Mazda bulb No. 46, and is easily procurable at all dealers.

C-3. Curvlite transformer (AC only) with variable resistor—where there is excessive current fluctuation.

It is necessary at all times to screw both the bushing and the instrument **to the** handle to avoid twisting the wire.

NOTE: We unconditionally guarantee every part of the Curvlite unit against breakage exclusive of bulb and batteries.

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R-1 SURGICAL RETRACTOR
6" handle, 3" blade.

R-2 SURGICAL RETRACTOR
8" handle, 3" blade.

R-3 SURGICAL RETRACTOR
10" handle, 3" blade.

R-4 SURGICAL RETRACTOR
12" handle, 4" blade.

Complete line of surgical retractors available at your dealer.

D-1 TONGUE DEPRESSOR.
Tongue depressor also useful in oral and dental surgery as an anterior retractor.

D-2 SHORT RETRACTOR.
Also valuable in oral surgery as a retractor of greatest use.

D-3 CHEEK RETRACTOR

D-4 DEEP THROAT DEPRESSOR
7/8" diam.

D-5 DEEP THROAT DEPRESSOR.
5/8" diam.

P-1 BEAM PROBE.
Maximum amount of light available with this instrument. General utility.

P-2 MIRROR PROBE.
Useful for all dental and oral examination.

P-3 VAGINAL PROBE.

P-4 RECTAL PROBE.

P-5 CONTRA ANGLE.

T-1 TRANS-ILLUMINATOR.

T-2 EAR SPECULUM.

B-1 7/8 BUSHING.

B-2 METAL BUSHING.

B-3 5/8 BUSHING.

C-1 RESISTANCE ELECTRIC UNIT.

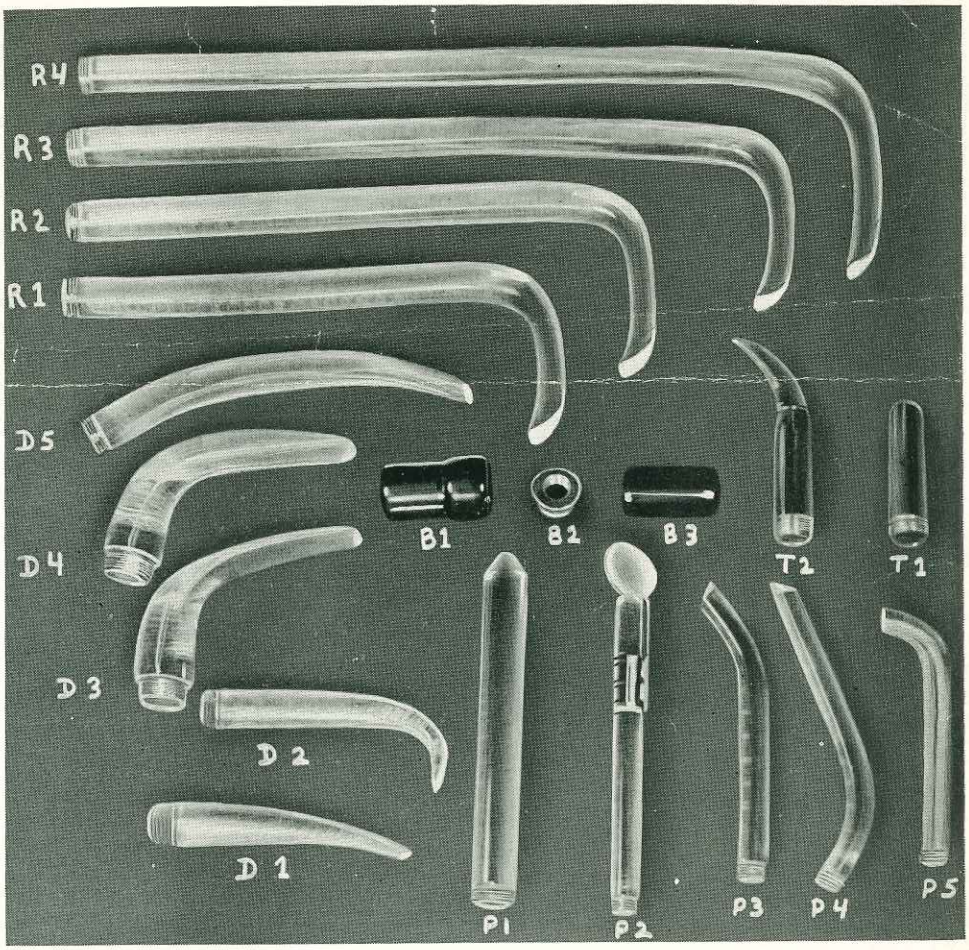
C-2 CLAMP HOLDER.

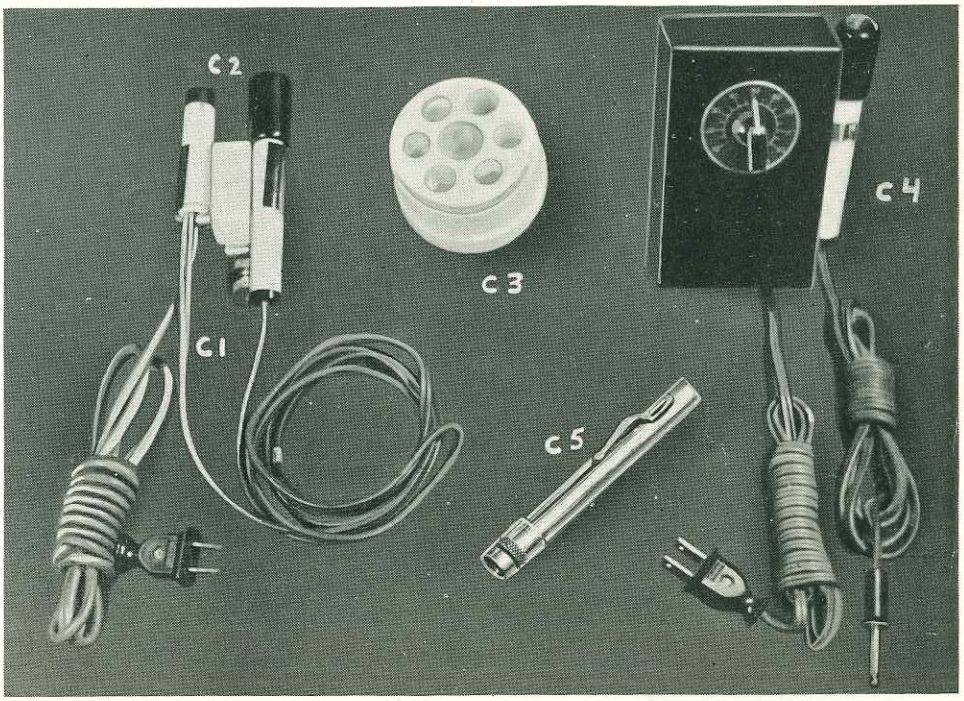
C-3 TABLE HOLDER.

C-4 TRANSFORMER ELECTRIC UNIT.

C-5 PENLITE WITH ADAPTORS

Explanations on C5-C1-C3 on page to your left under instructions for lighting.





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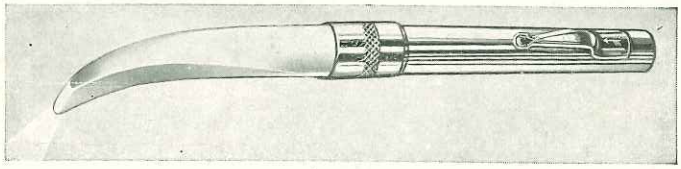
The most popular

CURVLITE INSTRUMENT



No. 3

POCKET KIT

(PEN LIGHT TYPE-BATTERY OPERATED)

CURVLITE INSTRUMENTS

1. Tongue Depressor. Useful for all mouth and throat examinations giving a maximum light and leaving one hand free for operative procedure.

1A. Deep Throat Depressor. A valuable adjunct in all tonsil and laryngeal work.

2. Trans-illuminator as illustrated is the most effective instrument for examining sinuses,—simplest in operation.
3. Instruments throw a brilliant white light, an aid in diagnosis.
4. Instruments transmit cold light.
5. Easy sterilization.
6. Non-leakable sterilizing bottle always available.
7. Genuine top-grain cowhide case with guaranteed slide-fastener.
8. Indestructible, and unconditionally guaranteed as such.
9. Uses standard dry cells and light bulb available at all local dealers at very nominal cost.

Pocket Kits Range in Price $5.00 to $12.50.

CURVLITE SALES COMPANY

NEW YORK